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 ACC NR: APG021322 (A) SOURCE CODE: PG/0081/65/019/001/0309/0313
 AUTHN: Jeliazkovska, J.; Mavrikov, J.; Ganchev, J.; Gymnastievica-Simeonova, N.
Goretska, A.; Dulinski, J.; Hobenstreit, G.; Filko, H.; Klanczuk, L.; Rehman, B.
Lenartowicz, G.; Lutkiewicz, A.; Machura, J.; Leszczynski, L.; Pawlikowska, L.; Andryszak, L.; Kurnik, C.
Cegorzeliska, A.; Koszaliniecka, M.; Sieminski, W.; Sikora, R.; Sarmaszkiewicz, J.; Trochim, I.
Wojciechowska, W.; Wojciechowicz, J.; Wojciechowicz, A.
 D.O.: Institute of Bacteriology, Wrocław (Instytut Bakteriologii); Regional and
 City Sanitary Epidemiological Office, Wrocław, Kielce, Kraków, Łódź, Opole,
Bielsko-Biala, Bielsko-Biala (Wojskowa i Miejska Stacja Sanitarno-Epidemiologiczna);
 Bacteriology Laboratory, No. 3, PKS, Wrocław (Laboratorium Bakteriologiczne)
 TITLE: Antibiotic-resistant strains of Streptococcus viridans, Streptococcus faecalis,
Escherichia coli, Pseudomonas aeruginosa, Proteus species and Klebsiella species,
 isolated in Poland in 1960-1963
 SOURCE: Przegląd epidemiologiczny, v. 19, no. 3, 1965, 309-313
 TOPIC TAGS: bacteriology, penicillin, streptomycin, tetracycline, erythromycin,
 neomycin
 ABSTRACT: Sensitivity tests of the above strains were carried out in respect to peni-
 cillin, ampicillin, tetracyclines, chloramphenicol, erythromycin and neomycin. It
 was found that resistance to antibiotics in Streptococci differed from that in Gram-
 negative bacilli. Streptococcus faecalis was found highly resistant to penicillin and
 erythromycin. Appreciable resistance to all antibiotics was noted in strains identified
 as Streptococcus viridans. Resistance varied according to samples and territorial dis-
 tribution. Experiments were conducted in 11 centers throughout the country simultane-
 ously; results were compared with those obtained in an identical experimental series in
 a single hospital environment. Orig. art. has: 2 tables. /JPG/
 SUB CODE: 06/ SUMM DATE: none/ ORIG KEY: 001/ OTH KEY: 001
 Cont'd 1/1

1 11045-66 ? JK

ACC NR: APG021322 (A) SOURCE CODE: P0/0081/65/019/003/0309/0313/48

AUTHORS: Jeliazkowicz, J.; Maruszka, J.; Gacka, J.; Cyrankiewicz-Siemnicka, M.; Gorska, A.; Dulinski, J.; Nebenrodt, C.; Iliszak, L.; Karczmarzak, J.; Trel, J.; Lenartowicz, C.; Lutz, A.; Wozniak, J.; Pawlak, L.; Andryszak, M.; Baran, C.; C.; Pogorzelska, A.; Radoszak, J.; Siemnicka, W.; Sikora, G.; Samochorni, J.; Turczak, L.; Wawrzyniak, W.; Yencel, B.; Zalew, A.

ORG: Institute of Bacteriology, PAN, Warsaw (Instytut Bakteriologii); Regional and City Sanitary/Epidemiological Centers, Bydgoszcz, Katowice, Krakow, Lódz, Szczecin, Warsaw, Wroclaw (Wojewódzkie i Miejskie Stacje Sanitarno-Epidemiologiczne); Bacteriology Laboratory, No. 3, PKB, Wroclaw (Laboratorium Bakteriologiczne)

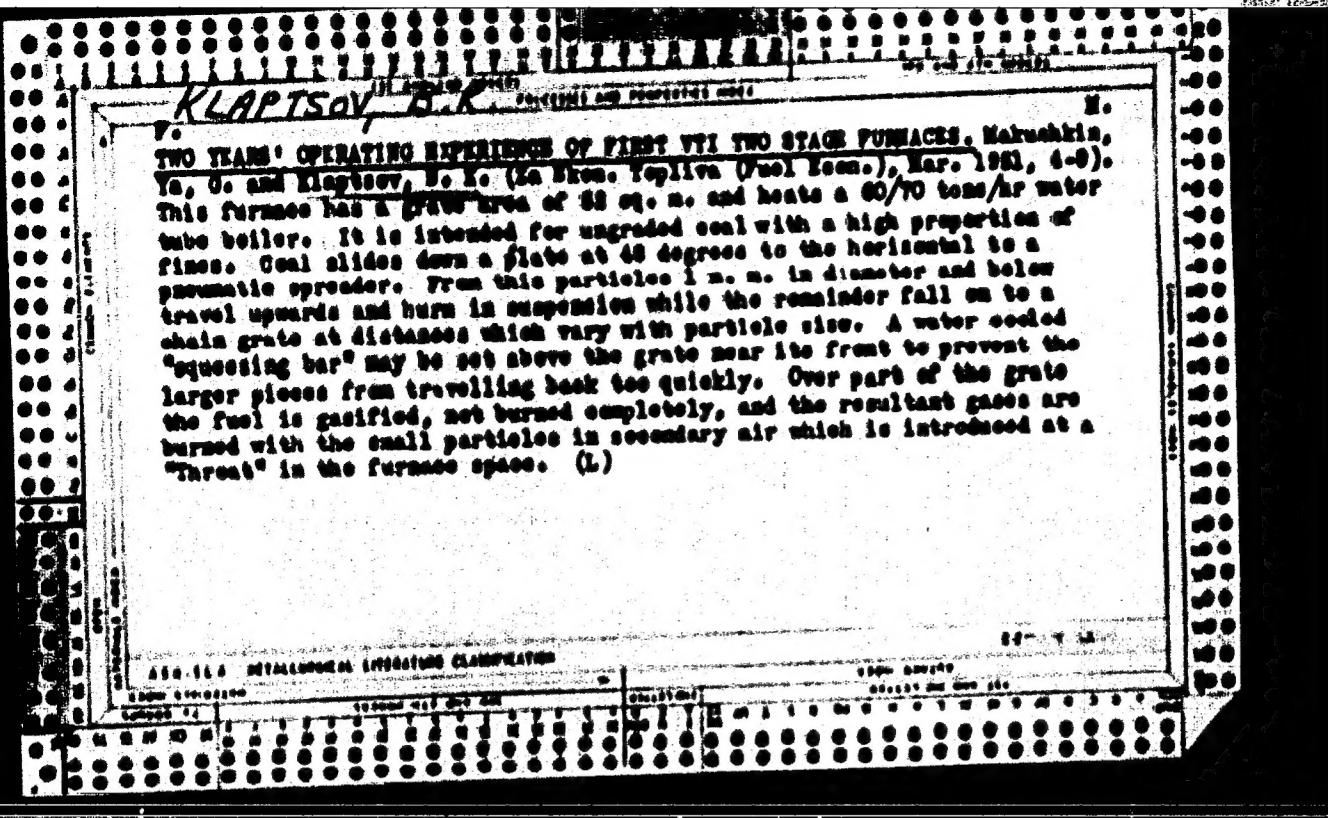
TITLE: Antibiotic-resistant strains of *Streptococcus viridans*, *Streptococcus faecalis*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Proteus* species and *Klebsiella* species, isolated in Poland in 1960-1963

SOURCE: Przeglad epidemiologiczny, v. 19, no. 3, 1963, 309-313

TOPIC TAGS: bacteriology, penicillin, streptomycin, tetracycline, erythromycin, neomycin

ABSTRACT: Sensitivity tests of the above strains were carried out in respect to penicillin, streptomycin, tetracycline, chloramphenicol, erythromycin and neomycin. It was found that resistance to antibiotics in *Streptococci* differed from that in Gram-negative bacilli. *Streptococcus faecalis* was found highly resistant to penicillin and erythromycin. Appreciable resistance to all antibiotics was noted in strains identified as *Streptococcus viridans*. Resistance varied according to samples and territorial distribution. Experiments were conducted in 11 centers throughout the country simultaneously; results were compared with those obtained in an identical experimental series in a single hospital environment. Orig. art. has: 2 tables. (575)

SPN CODE: 04/ SUM DATE: none/ ORIG REV: 001/ OTH REV: 001



KIAPTSOVA, A.I.

Dynamics of vascular modification in the site of the excised peritoneum adjacent to the wall in rabbits. Khirurgia, Moskva no.5:59-64 May 1953.
(CLML 25:1)

1. Of the Department of Clinical Anatomy and Operative Surgery (Head -- Prof. B. V. Ognev, Corresponding Member of the Academy of Medical Sciences USSR), Central Institute for the Advanced Training of Physicians.

KLAPTSOVA, A.I., kandidat meditsinskikh nauk.

Location of suprarenal glands. Khirurgiya no.9:76-78 8 '53.

(NIR 6:11)

1. Is kafedry klinicheskoy anatomii i operativnoy khirurgii (zavedyushchiy - chlen-korrespondent Akademii meditsinskikh nauk SSSR professor N.V.Ognev) "Central'nogo instituta uchebno-nauchnogo vospovedaniya vrachey.
(Suprarenal bodies)

KLAPTSOVA, A.I., kandidat meditsinskikh nauk

Dynamics of renal changes following resection of the kidney;
experimental investigation. Urologia no.2:36-41 Ap-Je '55.
(MLRA 8:10)

1. Is kafedry klinicheskoy anatomi i operativnoy khirurgii
(sav.-chlen-korrespondent AMN SSSR prof. B.V.Ognev) Tsentr-
al'nogo instituta usovershenstvovaniya vrachey.

(KIDNEY, surgery,
exper., dynamics of postop. changes)

KIAPTSOVA, A.I., kandidat meditsinskikh nauk

Dynamics of changes in the kidney following dissection; experimental investigations. Urologia no.4;37-41 O-D '55. (MLRA 9:12)

1. Is kafedry klinicheskoy anatomi i operativnoy khirurgii (nav. - chlen-korrespondent AMN SSSR prof. B.V.Ognev) TSentral'nogo instituta usovershenstvovaniya vrachey
(KIDNEYS, physiology,
eff. of dissection in animals)

KLAPTSOVA, A.I., kandidat meditsinskikh nauk

Dynamics of vascular changes in granulating wounds; experimental research. Khirurgia no.6:44-46 Je '55. (MLRA 8:10)

1. Is kafedry klinicheskoy anatomi i operativnoy khirurgii (zav.-chlen-korrespondent AMN SSSR prof. B.V.Ognev) Tsentral'-nogo instituta usovershenstvovaniya vrachey.

(WOUNDS AND INJURIES, exper.
healing, causing vasc.changes)
(BLOOD VESSELS,
in healing of exper.wds.)

KLAFTSOVA, A.I., kandidat meditsinskikh nauk

Abnormal development of the superior venae cavae and of the aorta
in man. Khirurgia 32 no.12:74-76 D '56. (MLRA 10;2)

1. Is kafedry klinicheskoy anatomi i operativnoy khirurgii
Tsentral'nogo instituta usovershenstvovaniya vrachey (zav. - chlen-
korrespondent AMN SSSR prof. B.V.Ognev).

(VENAE CAVAE, abnorm.
double of superior venae cavae)
(AORTA, abnorm.
abnormally long)

KLAFTSOVA, A.I., kand.med.nauk

Effect of transplanted perirenal fat, omentum, and muscle on an operated kidney; experimental studies. Urologija 22 no.4:29-35
Jl-Ag '57.
(MIRA 10:10)

1. Is kafedry klinicheskoy anatomi i operativnoy khirurgii (zav. - chlen-korrespondent AMN SSSR prof. B.V.Ognev) TSentral'nogo instituta usovershenstvovaniya vrachey.

(TRANSPLANTATION, experimental,
perirenal fat, omentum & musc., eff. on operated kidney)
(KIDNEY, surgery,
exper. implants of perirenal fat, omentum & musc. (Rus))

KLAFTSOVA, A.I., Doc Med Sci -- (diss) "Experimental ^{substitution}
See Kidney resection." Mos, 1959, 21 pp (Min of Health
USSR. Central Inst for the Advanced Training of Physicians)
200 copies (KL, 36-59, 116)

- 79 -

KLAPTSOVA, A.I., kand.med.nauk

Effect of a hemostatic sponge on a surgical wound of the kidney;
experimental study. Urologia 24 no.3:25-29 My-Je '59. (MIRA 12:12)

1. Iz kafedry klinicheskoy anatomi i operativnoy kirurgii (zav. -
chlen-korrespondent AMN SSSR prof. B.V. Ognev) Tsentral'nogo instituta
usovershenstvovaniya vrachey.

(KIDNEYS, surg.)

eff. of hemostatic sponge on surg. wound in animals
(Rats)

(HEMOSTATICS, eff.)

hemostatic sponge on renal surg. wound in animals
(Rats)

KLAPTSOVA, A.I. (Moskva, Meshchanskaya per., d.4/6, kv.27)

Free area in the chest cavity following removal of the lung. Grad.
khir. 3 no. 1:106-109 Ja-Y '61. (MIRA 16/5)

1. Iz kafedra klinicheskoy anatomi i operativnoy khirurgii (zav.-
pilen-korrespondent AMN SSSR prof. V.Ognev) TSentral'nogo instituta
usovershenstvovaniya vrachey]

(LUNGS—SURGERY)

KLAPISOVA, A.I., doktor med.nauk

Resection of the median section of the kidney; experimental study. Urologia 27 no.4:10-13 Jl-4g '62. (KIRU)

1. Iz kafedry klinicheskoy anatomii i operativnoy khirurgii (zav. - chlen-korrespondent ASU SSSR prof. B.V. Ognev) Tsentral'nogo instituta usovershhenstvovaniya vrachey.
(CLINICAL—SURGERY)

KLAPTSOVA, N. K.

Klaptsova, N. K. "Bacteriosis of Coriander," Vestnik Sel'skokhozyaistvennoi Nauki, Tekhnicheskie Kultury, no. 2, 1960, pp. 93-97. 77.8 V63

SO: SIRA S. 19-53, 15 DEC 1953

KLAPTSOVA, N.K.
Applied Mycology

I Klaptsova (Miss N. K.). Novyye osnovy mykologicheskogo issledovaniya
sporev uchil'stva (sporev) rastenij. [A new method of obtaining cultures of lower
fungi, *Urticaria tritici* (Pers.) Rostc.].— Izv. akad. [J. Russ. U.S.S.R.], 33, 8,
pp. 812-813, 1961.

Investigations were carried out at the Pan-Soviet Institute for Plant Protection, Leningrad, into the cultures of *Urticaria tritici* [U. nuda; R.A.M., 27, p. 12] from wheat. The spores are noted for their slow germination under artificial conditions (Ibid., 6, p. 321). Since they grow on the flowering wheat-ear in the field, spores were sown in water extracts prepared from green spring ears on the point of flowering. They produced groups of vigorous mycelia, while those sown in tap water developed single tufts only. Single spores were considerably weaker than groups clustered together. When drops of spore suspension were placed on slabs of potato glucose agar made with the extract and kept at 20° to 25° C., long protuberances developed in two days, and after six to ten days the vigorous mycelium fragmented into shorter, curved portions. When the surface of the agar was covered by a thin white coating of mycelium this disintegration was pronounced and marked the beginning of chlamydospore formation (Ibid., 5, p. 107), accompanied by a change in colour from white to brown.

POLYAKOV, I. N., LIUBOSHITS, I. L., KLAPISOVA, N. E.

New method for drying grain in controlling lecose smuts. Zashch.
rast. ot vred. i bol. 5 no. 6:16-18 Je '60.
(MIRA 16:1)

(Seeds—Disinfection) (Smuts)

KLAFTSOVA, N.K.

Morphological variations of the sporarium of *Ustilago tritici* Pers.,
cannative agent of wheat smut. Bot. zhur. 48 no.2:262-263 F '63.
(MIM 1614)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zashchity rasteniy,
Leningrad.
(Smuta) (Wheat—Diseases and pests)

KLAPTSOVA, N.K.

Use of sineb in controlling the bacterial blight of cotton,
Trudy VIZR no.20 pt.1:10-11 '64. (MIRA 18:10)

PONOMARENKO, L.I., sanitarnyy vrach; MEL'NIK, O.T., inzh.; KLAFTSOVA, Ye.N.,
sanitarnyy vrach; ZNACHKO, A.M., khimik

Problem of "relatively clean" sewage of sugar mills. Gig.1 san.
26 no.12166-68 D '61. (MIRA 15:9)

1. Is Krasnodarskoy krayevoy sanitarno-epidemiologicheskoy
stantsii i Gosudarstvennogo tresta po vyrashchivaniyu sakhariny
svekly Krasnodarskogo soveta narodnogo khozyaystva.
(SUGAR INDUSTRY—HYGIENIC ASPECTS) (KUBAN—WATER—POLLUTION)

KIAPUT, K,

Many letters have been exchanged, but there is no building for livestock, p. 7.
(POLNISZ SPOLDZIELCZA, Warszawa, Vol. 8, no. 8, Feb. 1955.)

SO: Monthly List of East European Accessions, (EEL), LC, Vol. 4, No. 4, Jan. 1955,
Uncle.

KLAR, G. V.: Master Agric Sci (diss) -- "The structure and physicomechanical properties of aspen wood and its connection with growth conditions". Voronezh, 1958. 17 pp (Min Agric USSR, Voronezh Forestry Engineering Inst), 150 copies (KL, No 6, 1959, 138)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722930011-6

KLAR, G.V.; SOSNIN, M.I.

Wood particle boards of increased strength in the direction of chip orientation. Trudy Inst. lesa i dreva. 63:91-94 '63. (MIRA 16:10)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722930011-6"

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722930011-6

KLAR, O.V.; KITMANOV, A.V.; PETROVA, O.A.

Structure and characteristics of biaxially compressed wood. Trudy
Inst. lesa i drev. 65:83-90 '63. (MIRA 16:10)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722930011-6"

KLAR, O. V., Chc.; STOFKO, Jan, inz.

Combined particle boards with higher strength. Drevo 20 no.1:5-7,
18 Ja '65.

1. Forest and Wood Institute of the Siberian Department of the
Academy of Sciences of the U.S.S.R., Krasnoyarsk. (for Klär). 2.
State Research Institute of Wood, Bratislava (for Stofko).

KLAR, Ovidio, ins.

The new dynamometer LL-57. Nafta Jug 13 no.4/5:75-78 Ap-Hy 162.

1. Proizvodnja nafta, Lendava.

KLAR, J.

"Some Methods of Revising Translations of Soviet Words in Technical Science", p. 721 (MAGYAR TECHNIKA, Vol. 8, no. 12, Dec. 1953, Budapest, Hungary).

Source: Monthly List of East European Accessions, LC, Vol. 3, no. 5
May 1954/Unclassified

KLAR, JANOS.

TECHNOLOGY

Műszaki tudományos terminológiaink alakulása és fejlesztésének főbb kérdései
Klar János Kovalovszky Miklós. Budapest, Műszaki és Természettudományi Egyesületek
Szovetsegé, Nyelvjavító és Fordítói Szakosztály, 1955. 84 p.

Monthly List of East European Assessments (EEAI), LC, Vol. 8, No. 3,
March 1959 Unclass.

KLAH, J.

Certain evaluation aspects of comparative economic calculations in the
use of various energy carriers.

F. 169 (PERIODICA POLYTECHNICA, ELECTRICAL ENGINEERING) Vol. 1, no. 2, 1957
in German, Budapest, Hungary

SC: Monthly Index of East European Accessions (ESEA) LC, Vol. 7, no. 3
March 1958

KLAR, J., F. Prof. of economics, Dr. (Budapest, XI., Muegyetem Rakpart 3.)

Crisis or prosperity cycles; a criticism of the bourgeois general
dynamic theory of prosperity vacillations. Periodica polytechn electr
3 no.3:275-319 '59. (EKAI 10:1)
(Economics)

Klar, Ya. [Klar, J.]

Economic effectiveness of scientific investigation in industry.
Periodica polytechnica electr.-3 no.4:357-369 '59. (EAI 10:1)
(Industrial management)

KLAR, J., Professor of Economics

The use of the categories and dynamic elements of research requirements.
Periodica polytech eng 4 no.2:179-192 '60. (EKA 10:4)
(Research) (Economic conditions)

KLAR, J., prof. of economics (Budapest)

Some questions of effectiveness in applied research and development
work; a qualitative analysis. Periodica polytechnica chem 4 no.3:
243-259 '60. (EKAJ 10:5)

(Research)
(United Nations Educational, Scientific and Cultural Organization)

KLAR, J., Prof. of Economics (Budapest XI., Magyar tan rakpart 3)

An examination of the use of quantitative methods in the economic
direction of industrial research. I, Periodica polytechnica 5 no.1:
53-62 '61.

KLAR, J., professor of economics (Budapest XI., Magyarország 3.)

An examination of the use of quantitative methods in the economic
direction of industrial research. II. Periodica polytechnica 5
no. 2 1976 '61.

KLAR, J. (Budapest)

"Advertisement" by Istvan Varga. Reviewed by J. Klar. Periodica
polytechnica electr 5 no.2:195-196 '61.

1. Executive editor, "Periodica polytechnica; Electrical Engineering".

KLAR, J., Full professor of economics (Budapest II., Magyarország 3)

An examination of the use of quantitative methods in the economic direction of industrial research. Part III. Periodica polytechnica
5 no.3:267-274 '61.

1. Executive editor, "Periodica Polytechnica; Chemical Engineering".

KLAR, J., prof. a. D. Dr. (Budapest, II., Magyatem rakpart 3)

Use of resources and technical development. Pt. 2. Periodica
Polytechn chem 6 no.4:233-242 '62.

1. Schriftleiter, "Periodica Polytechnica-Chemical Engineering."

KLAR, J.

"Industrial research and development" by [Dr] D. Gy. Szakasits.
Reviewed by J. Klar. Periodica polytechnica electr 7 no.1:108-
109 '63.

1. Schriftleiter, "Periodica Polytechnica; Electrical
Engineering."

KLAR, Janos, prof. dr. (Budapest, XI., Muegyetem rakpart 3)

Mathematical methods and economics. Periodica polytechnica chem
8 no. 3: 229-235 '64.

1. Technische Universitat, Budapest. Submitted May 20, 1964.

KLAR, Jan; LASKOWSKI, Janusz

Salt flotation of sulfur ore from Tarnobrzeg. Gornictwo Gliwice
no.9:21-31 '64.

EXCERPTA MEDICA Sec 13 Vol 13/6 Dermatology June 59

1910. DERMATOMYOSITIS AND SCLERODERMATOMYOSITIS ASSOCIATED WITH CANCER - Dermatomyositis és sclerodermatomyositis halászó tokmájhoz a daganatos szindrómára - Antal H., Károly T. and Lajos H. Urvölgyi, Béla, Körboncza Imre, Börklin, Kől., Debrecen - MAG. ONKOL. 1958, 11/2 (88-93) Tables 4

In 2 patients suffering from cancer of the stomach, dermatomyositis and sclerodermatomyositis, respectively, developed. These cases favour the assumption that dermatomyositis and sclerodermatomyositis may be induced by a tumour or its decomposition products. Dermatomyositis may turn from a scleroderma-like stage to sclerodermatomyositis.

(V.6, 13, 16)

KLARA, W., POCIEJ, S., ZALACHOWSKI, W.

Up-to-date technique of perforating oil wells. Wiad naft 7 no.10:
217-222 '61.

Distr: AF1/4E2b

Steel selection for centrifugal casting molds and hot tools
Kilnring Model 12-17-2019. The effect of carbon upon hot hardness for various grades of steel is very marked. In above steel, the hot hardness of C steel with more than 0.42-0.57% C is not attained. Above this crit. C content, the following order of decreasing hardness is obtained: C steel Cr-Mo-V steel, Cr-V steel, Cr-Mo steel, Cr-Ni steel, Cr-Mn steel. If C content is higher than 0.7% above 0.100-100% especially with more than 0.7% Al, it is unfavorably influenced. However, full attainment of the required strength can be made in the case of 0.7% C steel. Melting the steel to give a fine grained structure is important. Al content of 0.012% is recommended. This Al content should be uniformly distributed over the entire volume of the steel. The steel should be cast in a mold which is heated so as to give a gradual temperature gradient.

GREBE, A., doktor nauk; REYNISH, G., doktor nauk; TSIMMERMAN, G., doktor nauk;
GREBE, F., doktor nauk; UL'BRINKH, I., doktor nauk; SHIFFNER, R.,
doktor nauk; FILIPP, B., doktor nauk; RUSHER, Kh., doktor nauk;
GASPERSON, G., doktor nauk; KLARE, G., doktor nauk; YAKOPYAN, V.

Search and solutions; important research of the German Democratic
Republic chemists. Priroda 54 no.6:83-88 Je '65.

(MIRA 18:6)

l. Institut isscheniya volokna Germanskoy Akademii nauk v Berline,
g. Tel'tov, Germanskaya Demokratische Respublika.

KLARE, H.

ANALYST: Name Given
TITLE: Book Reviews (Received)
REFERENCE: Chemical Listy, 1956, Nr 10, Vol 52(52), pp2022-2027
(Czechoslovakia)

ABSTRACT: The following books are reviewed:

J. V. Seifert: Magnetoochimistry. 2nd Ed. International Publishers, Inc., New York - London, 1956.
Reviewed by K. Klare.

J. Jilek and L. Gerde: Fundamentals of Technical Polarography. SNTL, Prague, 1957.
Reviewed by K. Klare.

K. Šandorová: Conductometry. Elektrotechnický, Czech Ak. Sc., Prague, 1957.
Reviewed by K. Klare.

V. Veselý: Liquid Fuels. SNTL, Prague, 1956.
Reviewed by K. Klare.

H. Klare: Synthetic Polyamide Fibres. SNTL, Prague, 1957.
(Czech Translation)
Reviewed by K. Klare.

Card 1/1

KLARE, G. [Klare, H.]; GREBE, A. [Grebe, A.]; MARON, R.; MANN, G.;
YAOST, Kh. [Jost, H.]; KASPERSON, G. [Casperon, G.]

Formation of fiber from modified and nonmodified viscose in precipitation baths containing zinc sulfate. 16th Report on the formation mechanism of viscose monofilaments. Khim. volok. no. 6:14-21 '62. (MIRA 16:1)

1. Nauchno-issledovatel'skiy institut khimicheskikh volokon AN, Berlin, Teltov-Zeykhev, Germaneskaya Demokraticheskaya Respublika.

(Viscose) (Textile fibers, Synthetic)

KLARIC, K.

"The sea as the airports and tracks of Dalmatia;" how to develop gyrogliding. (p. 4)

"Sports aviation in recently liberated areas." (p. 4)

"Cooperation among modelmakers of Central European countries." (p. 4)

Vol. 3, no. 44, Aug. 1953

SO: East European Accessions List, Vol 3, no 8, Aug 1954

KLARIĆ, K.

"Urging more care for hydrogliding." p. 3. (Aero Svet. vol. 3, no. 49, Oct. 1953. Beograd.)

SO: Monthly List of East European Acquisitions, Vol. 3, no. 6, Library of Congress, June 1954.
Uncl.

KLARIC, M.

The trigonometric leveling rod in a polygonal network. p. 6.
(GEODETSKI LIST, Vol. 11, no. 1/?, Jan./Feb. 1957., Yugoslavia.)

SD: Monthly List of East European Accessions (EEL) LC, Vol. 6, no. 7, July 1957. Uncl.

KLARIC, Nikola, ins. (Sisak)

Experimental industrial melting of limonitized lime stone
in blast furnaces. Tehnika Jug 17 no. 4:691-692a Ap '62.

1. Sef proizvodnje V.P. Zeljezare Sisak, Sisak.

KUZ'MIN, A.L., CLARK, B.C. [Clark, B.C.]

Measuring the polarization and brightness temperature distribution
of Venus at a wavelength of 10.6 cm. Astron. zhur. 42 no.3:595-617
My-Je '65. (MIRA 18:5)

1. Fizicheskiy institut im. P.N. Lebedeva AN SSSR i Radioastronomi-
cheskaya observatoriya Owens Valley Kaliforniyskogo tekhnologicheskogo
instituta, SSSR.

KLARK, G. B.

"Irreversible Electrode Potentials of Metals," Dokl. AN SSSR, 30, No. 9, 1941
Lab. Physics of Metals, All-Union Inst. of Aircraft Materials

KIARK, G. B.

"Electrode Potentials of Typical Stainless Steels," Dokl. AN SSSR, 42, No. 2,
1943

All-Union Inst. Aircraft Materials

KIARK, O. B.

"The Electrode Potentials of Solid Solutions," Iz. Ak. Nauk SSSR, Otdel.
Khim. Nauk, No.1, 1944

Lab. Physics of Metals, All-Union Inst. Aviation Materials

KLARK, O. B.

"Anomalous Cases of "Electrode Potentials of "Solid Solutions," Dokl. AN SSSR,
43, No.7, 1944

All-Union Inst. Aircraft Materials

KLARK, G. B.

"The Electrochemical Behavior of Stainless Steels. III. The Change in the Electrode Potentials of Stainless Steels After Abrasion Under Solution," Dokl. AN SSSR, 45, No. 9, 1944

All-Union Sci. Res. Inst. Aviation Materials

KLARK, G. B.

PA 38T15

USSR/Electricity

Resistance, "electrical
Electrodes - Polarization"

Nov 1947

"Electrical Resistance of a Polarized "lectrode," G. V. Akirov, Corresponding Member of the Academy of Sciences of the USSR, G. B. Klark, Laboratory for Study of Corrosion of Alloys, Physical Chemistry Institute, Academy of Sciences of the USSR, 4 pp

"Dok Ak Nauk" Vol LVIII, No 5

Discusses a new equation derived for electrical resistance in polarized electrodes. This formula takes the following form:

$$J \propto \frac{C_k^0 - C_A}{w \sqrt{P_k \cdot P_A}}$$

Authors describe experiments which lead to the determination of this equation. Academician A. N. Frumkin aided greatly in the experiments. Submitted, 3 Sep 1947.

PA 38T15

KLARK, G. B.

6567/1966/67
Electrolysis
Electrodes - Polarized

See 47

"Multielectrode Partially Polarized Systems. Systems of Electrodes Connected as a 'Star', I. A. Levin, Corr 'em, Acad Sci, G. V. Akinov, G. B. Klark, Lab of Corrosion of Alloys, Inst Phys Chem, Acad Sci USSR, 4 pp

"Dok Akad Nauk SSR, Nova Ser", Vol LXIII, No 7

From earlier work, it is possible to solve problems referring to multielectrode systems, which are almost completely polarized, in which ohmic resistance can be disregarded. The more general case, which demands calculation of both the polarization and ohmic resistance, has not been solved. Present work gives solution of problem for a system of electrodes connected in a star form.

PA 60715

KLICK, G. S. and AKEOV, G. V.

"Multielectrode Partially Transpolarized Systems; Investigation of the Anodic and Cathodic Polarization of Binary Electrochemical Systems," Dokl AN SSSR, Moscow, Vol. LVIII No. 8, 1947.

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722930011-6

KIARK, O. B.

"Multielectron Systems Which are Partially Polarized," Dokl. AN SSSR, 59, No.1, 1948

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722930011-6"

CLARK, G. B.

15/1928

15/Electricity
Electrodes - Polarization

Dec 16

Two-electrode Partially Depolarized System:

System With Three Electrodes in Series." I. A. Levin,
G. B. Clark, C. O. T. Mackay, R. Scott MacL. Head, H. Mac-
Donald, USSR, Inst. of Physics, Moscow, Acad Sci USSR,

"Dok Akad Nauk SSSR" Vol VIII, No 4-7, 399-402.

gives solution for simplest case (three-electrode) of
a system of electrodes in series. Initial potential
is greater on the first than on the second, and greater
on the second than on the third. Knowing polarization

15/1928

15/Electricity (Contd)

Dec 16

curves of all electrodes and ionic resistance be-
tween electrodes, attempts to determine what polarity
will be at second electrode, and current leads at
which electrodes will operate. Submitted 6 Oct 48.

15/1928

KLARK, G. B.; AKIMOV, O.V.

Protective Coatings

Device for determining electric properties of protective layers on metals. Trudy Inst.
fiz. Khim. AN SSSR no. 3: 1951

Monthly List of Russian Accessions, Library of Congress, May 1952, UNCLASSIFIED

Klark, G.B.

KOSHELEV, Grigoriy Grigor'yevich; KLARK, Galina Brancyna; UDAL'TSOV, A.N.,
glavnyy red.; SHENDIN, A.V., kand.tekn.nauk, red.

[Practices of protecting marine installations of the petroleum
industry from corrosion by means of protective devices] Opyt
zashchity morskikh naftopromyslykh stroyushchii ot korroziyi
i pomoshch'iu protektorev. Moskva, Inst. tekhniko-tekhn.inform.,
1956. 21 p. (Informatsiya o nauchno-issledovatel'skikh rabotakh,
Tema 23, no.1-56-140) (MIRA 11:2)

(Corrosion and anticorrosives)

(Petroleum industry--Equipment and supplies)

✓ The Study of the Behavior of Peacock Pheasants

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which
whether A female
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and
while that of the chick, however, avoided him markedly while it was
at neutral sites. The protective coloration of the chick was
undisturbed when it was at neutral sites.

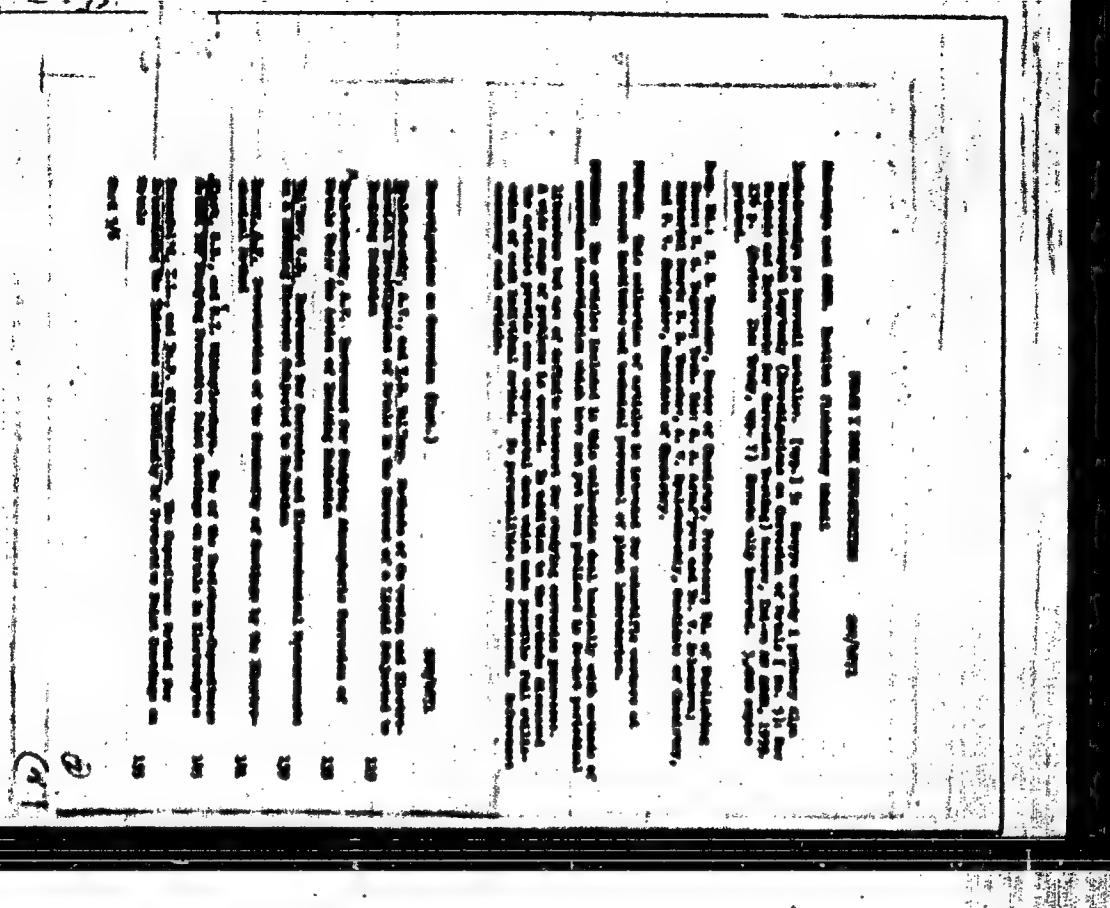
KLARK, G.B.; MIKHAYLOVSKAYA, M.I.; MIKHAYLOVSKIY, Yu.N.; TOMASHOV, N.D.

Electrochemical method of investigating the atmospheric
corrosion of metals. Trudy Inst.fiz.khim. no.7:11-21 '59.
(Electrochemical analysis)
(Corrosion and anticorrosives--Testing)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722930011-6

CLARK, G.B.



APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722930011-6"

8/081/60/000/023/012/021
A005/A001

Translation from: Referativnyy zhurnal, Khimiya, 1960, No. 23, p. 541, # 94705

AUTHORS: Klark, O.B., Mikhaylovskaya, M.I.

TITLE: The Application of the Capacitance Method to Investigating the Varnish and Paint Coatings on Metals in Electrolytes

PERIODICAL: Tr. In-ta fiz. khimii. AN SSSR, 1959, No. 7, pp. 145 - 154

TEXT: The present methods of investigating the insulation properties of varnish and paint coatings on metals are considered. A theoretical substantiation is presented of the possibility to use the capacitance method of estimating varnish and paint coatings for the investigation of decay process of insulation films on metal surfaces under the action of an electrolyte. It is shown that in so far as the magnitude of capacitance C of an insulated specimen in the electrolyte is determined by the summary area of the uncoated metal, and the magnitude of resistance R of the specimen is connected with the total area of cross sections of the through pores in the insulation, the time variation of these magnitudes can characterize, to a sufficient approximation, the decay of the insulating coating under the

Card 1/2

S/081/60/000/023/021/021
A005/A001

The Application of the Capacitance Method to Investigating the Varnish and Paint Coatings on Metals in Electrolytes

electrolyte action. An increase of RC during the testing process because of the marked variation of C at constant R is explained by the leakage of the electrolyte through the metal - insulation interface. The time till the beginning of the RC variation serves as indicator of the adhesion properties of the coating on the given metal. The method proposed can be used for estimating the quality and stability of varnish and paint coatings in various corrosion media.

G. Tseytlin

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

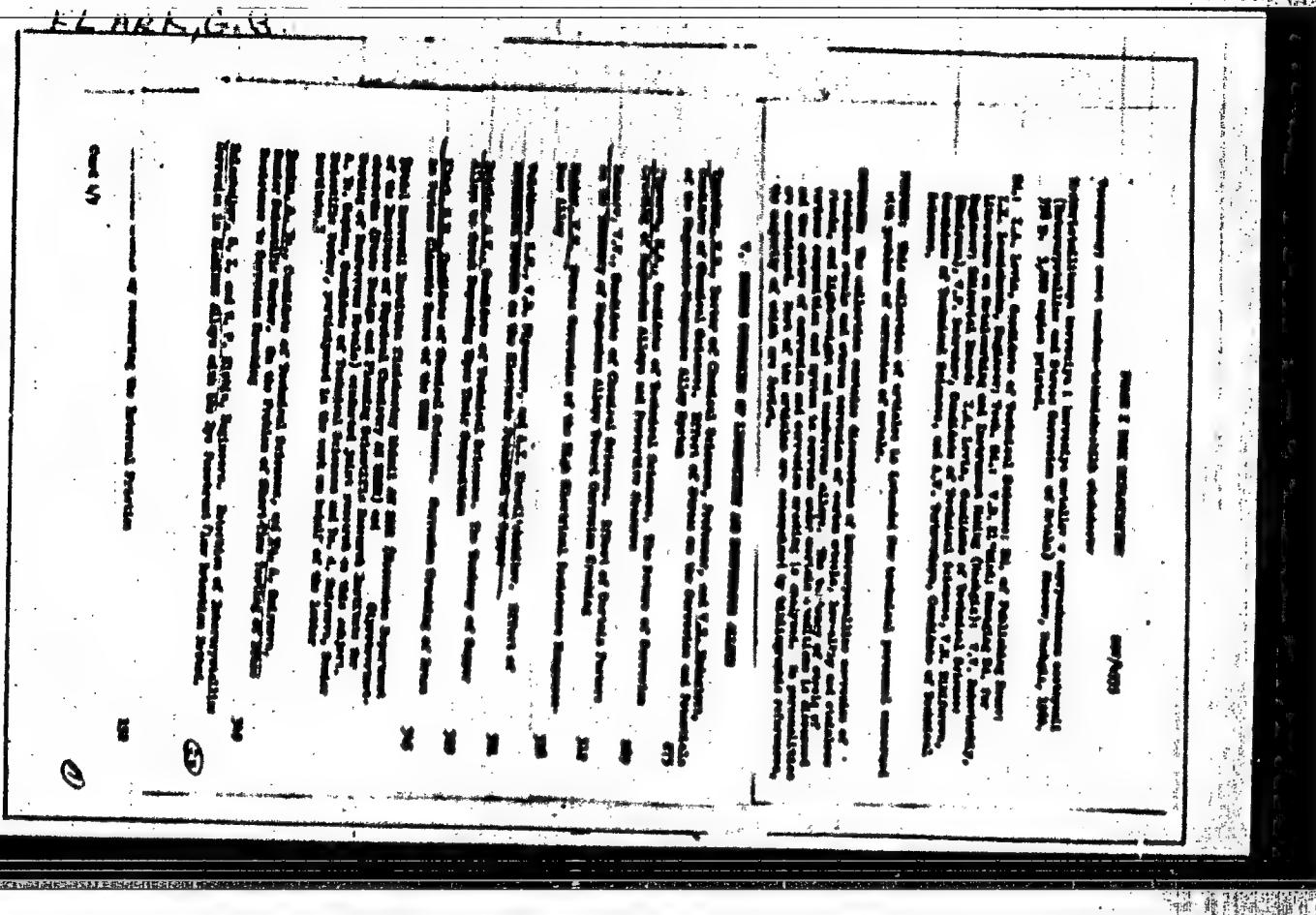
GERLIVANOV, G.L., insh.; KLARK, O.B., insh.; NIABYKH, V.M., insh.

Making chip-cement slabs using local raw materials. Suggested by G.L.Gerlivanov, O.B.Klark, V.M.Niabykh. Rats. 1 inobr.predl.v stroi. no.11:56-57 '59. (MTRA 13:3)

1. Upravleniye sbilishchennogo stroitel'stva pravogo beraga Bratskoy gidroelektricheskoy stantsii Ministerstva elektrostantsiy SSSR.
(Building materials)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722930011-6



APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722930011-6"

3/137/61/000/010/043/056
A006/A101

AUTHORS: Berukhtis, G.N., Klara, O.B.

TITLE: Methods of investigating atmospheric corrosion at corrosion stations

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 10, 1961, 43, abstract 101307 ("Tr. In-ta fiz. khimii AN SSSR", 1960, no. 8; 41 - 55)

TEXT: A description is given of the equipment used for studying corrosion at various corrosion stations. Photographs are presented of stands, an atmospheric booth, and a number of specimens in the form of strip and wire for corrosion tests. The investigation of atmospheric corrosion was carried out parallel with meteorological observations and an analysis of the air at corrosion stations. Problems are discussed which are connected with the selection of the shape, dimensions and number of specimens, the manufacture of specimens, the application and quality control of coatings, and the arrangement of the specimens on the stands. The corrosion resistance of metals of galvanic and other coatings is evaluated from changes in the appearance of the specimens, their weight, mechanical and electric properties, and the depth of the corrosion attack on the metal

Card 1/2

MIKHAYLOVSKAYA, M.I.; YAKOVLEVA, YU.A.; KLARK, G.B.

Chemical analysis of the air for the content of corrosive components.
Trudy Inst.fiz.khim. 8:56-68 '60. (MIRA 14:4)

(Air--Analysis)

(Corrosion and anticorrosives)

KOSHELEV, G.O.; KLARK, G.B.

Corrosion resistance of carbon and low-alloy steels in various
climatic regions of the U.S.S.R. Trudy Inst.fiz.khim. 6:84-99
160. (MIRA 14:4)

(Steel—Corrosion)
(Corrosion and anticorrosives—Climatic factors)

KLARK, G.B., GOPIUS, A.Ye., SMIRNOVA, Yu.A.

Effect of climatic conditions on the corrosion cracking of brass.
Trudy Inst.fiz.khim. 8:110-129 '60. (MIRA 14:4)

(Brass—Corrosion) (Corrosion and anticorrosives—Climatic factors)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722930011-6

AKHIEV, G.V. [deceased]; KLARK, G.B.; KOCHELEV, G.G.

Corrosion of metal construction elements in contact with other
building materials. Prom. stroi. 39 no. 2:49-53 '61.

(MIRA 14:2)

(Steel, Structural—Corrosion)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722930011-6"

KLARK, O.B.; KOSHELEV, O.O.; BERUKHHTIS, O.K.

Corrosion of metals in contact with building materials. Prom.
stroi. 40 [i.e. 41] no.6:27-31 Je '63. (MIRA 16:10)

1. Institut fizicheskoy khimii AN SSSR.

MAYEVSKIY, Aleksandr Yevgen'yevich; KORENOVSKIY, Grigorij
Grigor'yevich; EDEL'SON, Aleksandr Markovich; KLARK,
O.B., kand. tekhn. nauk, nauchn. red.; PEREVAL'YUK,
E.V., red.

[Anticorrosive protection of steel joints in large-panel
construction] Antikorroziinaya zashchita stal'nykh so-
edinenii v krupnoperel'nom stroitel'stve. Moskva, 1964.
171 s. (MIRA 17:11)

l. Otdel korrozii Instituta fizicheskoy khimii AN SSSR
(for Klark).

L 28340-46 ENT(n)/EXP(4)/ETL IJP(d) JM/JD/WB/SD
ACC NR: AT6013807 (S) SOURCE CODE: UR/0000/63/000/000/0332/0350

AUTHOR: Berukhtis, O. K.; Klark, G. B.

ORG: none

TITLE: Atmospheric corrosion of steel, zinc, cadmium, copper, and aluminum in various littoral and continental regions

SOURCE: Korroziya metallov i splavov (Corrosion of metals and alloys), no. 2
Moscow, Izd-vo Metallurgiya, 1965, 332-350

TOPIC TAGS: corrosion, atmospheric contamination, steel, zinc, copper, cadmium, aluminum, geographic survey

ABSTRACT: No general theory for the scientific prediction of the rate of atmospheric corrosion of various metals for any arbitrarily taken climatic region has so far been evolved. In this connection, the authors attempted to refine the formula for the mathematical dependence of the rate of this corrosion on external conditions, first derived by N. D. Tomashov and O. K. Berukhtis (Issledovaniya po korrozii metallov, Trudy IPKh AN SSSR, vyp. VIII, 1960, 6, 69), so as to take into account the effect of corrosion products, rainfall precipitation (wetting of surface) and the contamination

58

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Card 1/3

L 28340-66

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of air by SO_2 . Specimens of steel, Cu, Zn, Cd and Al were exposed to open air as well as kept in atmospheric booths under conditions simulating storage in unheated warehouses, in various regions of the USSR. Corrosion rate was determined by weighing the specimens before and after the tests over various periods of time (seasons, 1 year, 2 years, 3 years, 4 years, 5 years), and this was combined with regular meteorological observations (hours of fog and sunshine per year, etc.). The products forming at metal surfaces were analysed for their content of SO_4^{2-} and Cl^- ions and the duration of the wetting of metal (precipitation in hours per year) was recorded. Findings: the corrosion rate of all the five metals may vary markedly depending on environmental factors; thus, for Moscow (industrial district), with its SO_2 -polluted atmosphere, as compared with Ivenigorod (rural district), this rate is 1.5 times as high for steel and Cu, 3 times as high for Zn and Al, and 5 times as high for Cd. Thus, SO_2 is a specific aggressor for nonferrous metals and particularly for Cd. For the Baltic Maritime Region, where the amount of chlorides is 40 times as high as in Ivenigorod (rural district), the corrosion rate of Al and Cu is 22 and 3.7 times, respectively, as high as in Ivenigorod, while for steel, Zn and Cd it is either slightly higher or constant, which indicates that chlorides are specific aggressors for such metals as Al and Cu. In atmospheric booths this corrosion rate is 1-4 times higher for all the 3 metals (except Al, for which it is the same) than in open air. It is shown that it is fundamentally possible to make scientifically

Card 2/3

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ACC NR: AT6013807

substantiated predictions of the rate of metal corrosion. The findings can be utilised by designers to develop protective coatings for parts of devices and equipment, and will be utilised by the authors themselves to refine the coefficients of conversion of the results of accelerated tests to normal operating conditions.

Orig. Art: 601 / Figures: 1/Tables: 1

SUB CODE: 111 04, 07, 11, 19/ SUB DATE: 19Jul63/ ORIG REV: 006/ OTR REV: 003

*10**KLARNER, Boomer*

Absorption and fluorescence spectra of decarbonyl and tricarbonyldecarbonyl. [Phys. Kinet. and Radiat. Processes. Acta Phys. Polonica B, 1-4(1963) (in Russian).]—The absorption spectrum of decarbonyl (I) is a quite wide, almost a band with max. at 4460, 4220, 3860, 3500, 3200, 3110, 2820 and 2120 Å. The absorption spectrum of tricarbonyldecarbonyl (II) in C₆H₆ is similarly composed of a band with max. at 4460, 4220, 3860, 3500, 3420, 3260 and 2120 Å. Both I and II show, in addition, an absorption field which is not dissected into bands, extending from 2170 Å, beyond the absorption region of C₆H₆. (I) as well as (II) shows 3 emission bands each. The max. are as follows: (I) 4660, 4320, 3860 and 2920; (II) 4660, 4320, 3860 Å. J. W.

POLAND/Physical Chemistry. Radiation Chemistry. Photo-
chemistry. Theory of Photographic Processes.

D

Abs Jour: Ref Zbir.-Khim., No 1, 1959, 340.

Author : Klarner Deyne

Inst

Title : A Polarographic Analysis of Water Which Has Been
Subjected to Ultrasonic Waves.

Orig Pub: Chem. analit., 1957, 2, No 4, 340-344.

Abstract: The effect of ultrasonic, sound waves and also of
light upon water was studied polarographically.
A polarographic method, in the author's opinion,
makes it possible to establish more accurately
the other methods and the conditions of hydrogen
peroxide and nitric acid formation in the pre-

Card : 1/2 Katedra Fiz. Ogolnej Politech.
WARSAWSKIEJ, WARSAW

KLARNER, BOGNA
~~RECORDED~~

35

THREE 1 BOOK EXPLOITATION TOL/9981

Symposium on Electromechanical Transducers. Krynica, 1958

Proceedings of the Symposium on Electromechanical Transducers [held in] Krynica,
17-26 September, 1958. Warsaw, Państwowe Wydawnictwo Naukowe, 1961. 442 p.
Errata slip inserted. 630 copies printed.

Sponsoring Agency: Polish Academy of Sciences. Institute of Basic Technical
Problems.

Ed. in Chief: Janusz Kasprzak, Doctor of Sciences; Editing Committee: Ignacy
Malecki, Professor, Doctor of Sciences; Wincenty Pajewski, Doctor; and Jerzy
Wojcik, Master of Sciences; Secretary: Juliusz Mierzejewski.

PURPOSE: This book is intended for physicists and acoustical engineers.

COVERAGE: The book is a collection of detailed research papers constituting the
proceedings of a conference held in Krynica from 17 to 26 September 1958 under
the auspices of the Institute of Technical Problems, Polish Academy of Sciences.

Card 1/8

RECORDED

35-

Symposium on Electroacoustic Transducers

POI/5981

The following basic problems are treated: 1) theoretical research on energy transformation processes; 2) experimental development of new types of transducers; 3) electroacoustic measurements; 4) technology of piezoelectric and magnetostrictive materials; 5) construction of transducers for technical needs; and 6) design of acoustical transducer systems. No personalities are mentioned. References (if any) follow the individual articles.

TABLE OF CONTENTS:**Preface**

Problems of Research Work on Electroacoustic Transducers. Ignacy Malecki,
President of the Conference

3

3

Ch. 1. General Problems and Theory of Electroacoustic Transducers

1. Classification of electromechanical transformation methods in the
light of the tasks faced within [sic] the design and construction
of electroacoustic equipment. V. S. Grigor'yev

7

Card 2/8

Symposium on Electroacoustic Transducers

POL/5981

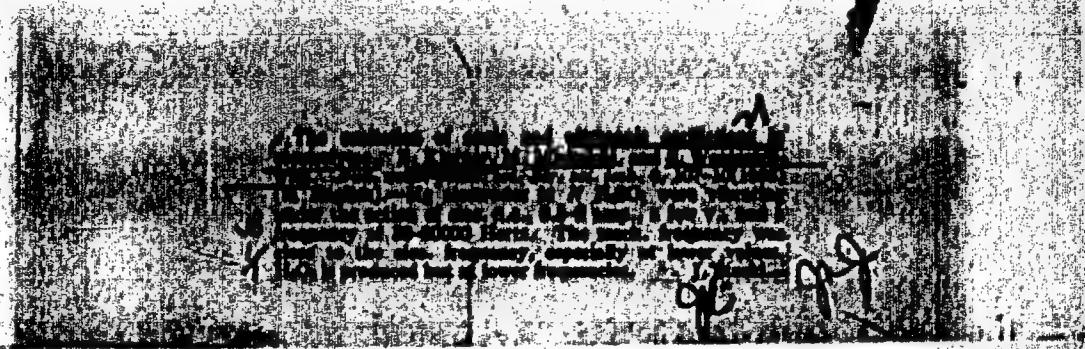
11. Characteristic parameters of passive linear electromechanical transducers. Janusz Iaczkowski	111
12. The "tense-writer", a new transducer for converting high-frequency electric oscillations into low-frequency mechanical vibrations. M. Marinesco	125
13. The imaginary part of acoustic impedance of the rectangle. Barbara Hryszkowka	141
14. Measurement of small intensities of ultrasonic waves by means of the polarographic method. Bogna Klarner	151
Ch. 2. Properties and Technology of Piezoelectric and Magnetostrictive Materials	
15. Magnetostriction and magnetostrictive materials. Adam Smolinski	159
16. Certain technological problems of ferrite production for acoustical purposes. I. P. Golamina and N. P. Shyshkina	175
17. Application of ferrites to electroacoustic transducers. I. P. Golamina	183

Card 4/0

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722930011-6

KLAENER, B.



APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722930011-6"

KLARNER, JANUSZ

GEOGRAPHY & GEOLOGY

KLARNER, JANUSZ. Nanda Devi. (Przedm. J.A. Szczepanski. Wyd. 1
Warszawa) Czytelnik, 1956. 240,(3)p. Nanda Devi. 1st ed.
illus.) MID Not in DLC

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 5,
May 1959, Unclass.

KLARNER, S.

Problems of developing the production of plant protection agents
in Poland in the light of the requirements of farming and eco-
nomic premises. Postępy nauk roln 10 no.3:27-50 My-Je'63

1. Instytut Przemysłu Organicznego, Warszawa.

KLARNER, St., KWIECINSKI, W.

Varieties of Virginia Bright at the experimental station in Skroniow.
Rocznik roln. rosl 61 no. 4: 879-918 '60.

(KMAI 10:9)

(Poland-Tobacco)

KLARNER, Stanislaw

Influence of the planting distance on the development of plants and
the yield of tobacco leaves of the variety Moeny Skroniowski. Roczn.
nauk roln rosl 81 no.4:919-933 '60. (ZRAI 10:9)

(Poland--Tobacco)

KLARNER, Stanislav; KULWIREC, Mariam; MAKOWSKA, Halina

Resistance of some varieties of dark tobacco types to the black
root-rot disease (*Thielaviopsis basicola* Ferr.) in field tests.
Rocznik roln. rosl. 88 no.1:143-158 '63.

1. Centralne Laboratorium Przemyslu Tytoniowego, Warszawa.

KLARNER, Stanislaw

Influence of long-lasting monoculture with different fertilizing
upon the leaf crop of Virginia Bright tobacco. Roczn. nauk roln. rosl.
86 no. 2:319-337 '62.

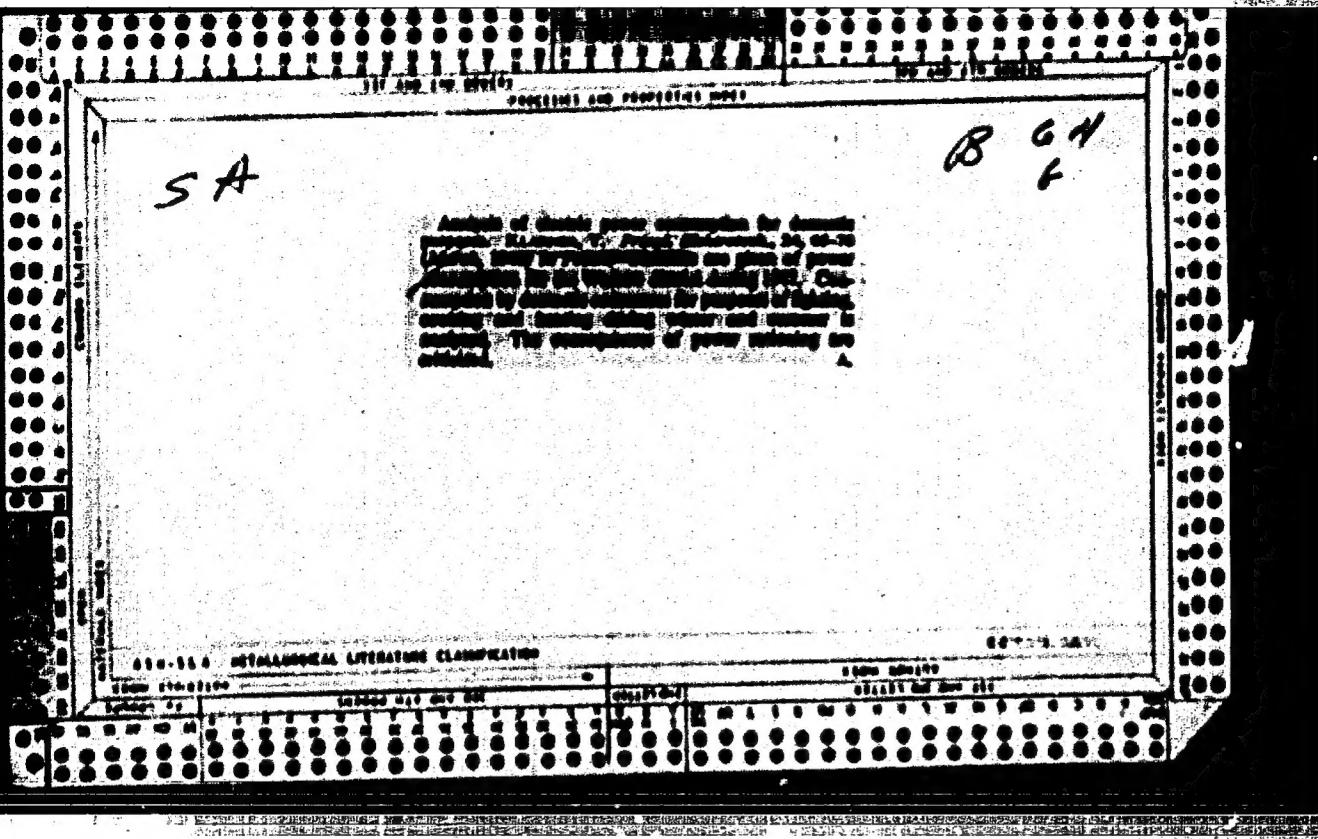
1. Centralne Laboratorium Przemysłu Tytoniowego, Warszawa.

KLARNER, Stanislaw

An answer to Marian Nowinski's remarks, Postępy nauk rola 11
no.6:133-136 N-D '64.

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S.A
SAC-B

621.J17.381608.03
2000. Measurement of power consumption by
industrial consumers. T. K. Karpov. Pravd. Elektr.
energ., 25, 61-3 (No. 2, 1972) 37-70USA.
To induce industrial consumers to operate at off-
peak load periods and at higher power factors a
special system of tariffs and two tariff meters
controlling at peak and off-peak load periods are
considered necessary.